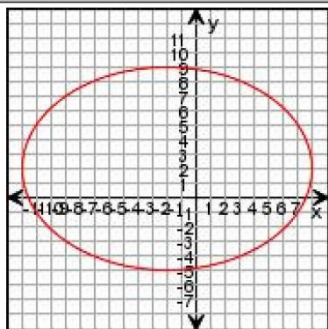


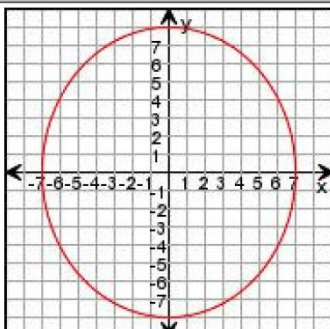
Ellipses – Extra Credit

Write the standard equation for each ellipse.

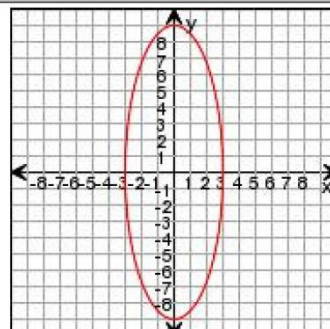
1.



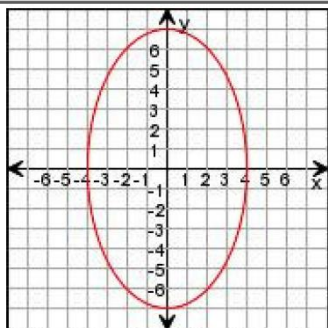
2.



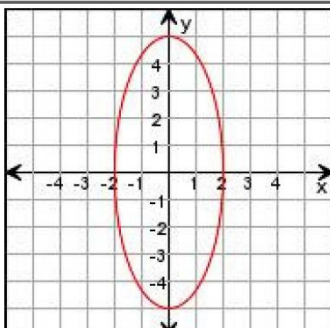
3.



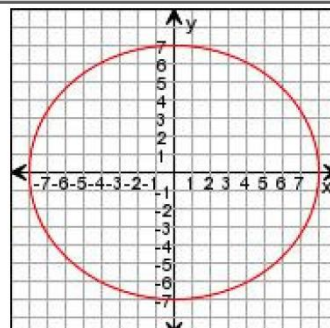
4.



5.



6.



Match the equation of the ellipse with its graph.

$$\frac{(x - 2)^2}{64} + \frac{(y - 3)^2}{25} = 1$$

$$\frac{(x - 1)^2}{16} + \frac{(y - 2)^2}{49} = 1$$

$$\frac{(x + 3)^2}{16} + \frac{(y - 1)^2}{100} = 1$$

$$\frac{x^2}{49} + \frac{y^2}{36} = 1$$

$$\frac{(x + 1)^2}{4} + \frac{(y + 2)^2}{16} = 1$$

$$\frac{x^2}{49} + \frac{y^2}{36} = 1$$

